

Application No.: 10/621727

Docket No.: 00131-00339-US

**AMENDMENTS TO THE CLAIMS**

1. (Currently amended) A low dielectric constant material comprising a plant oil ~~and oil~~ mixed with a comonomer and animal feathers wherein said feathers are feather mats.
2. (Original) The material as claimed in claim 1, wherein said plant oil is soybean oil and said animal feathers are fiber feathers.
3. (Original) The material as claimed in claim 1, wherein said oil is a triglyceride.
4. (Original) The material as claimed in claim 1, wherein said feathers are chicken feathers.
5. (Cancelled)
6. (Original) The material as claimed in claim 2, wherein said fibers are natural fibers.
- 7-10. (Cancelled)
11. (Currently amended) A low dielectric constant material comprising a plant oil and animal feathers and the material has a dielectric constant in the range of 1.7 to 2.7, measured at 25°C and 100 Hz and said feathers are ~~feather-mats~~ feather mats.
12. (Previously presented) The material as claimed in claim 11, wherein said plant oil is soybean oil and said animal feathers are fiber feathers.

Application No.: 10/621727

Docket No.: 00131-00339-US

13. (Previously presented) The material as claimed in claim 11, wherein said oil is a triglyceride.
14. (Previously presented) The material as claimed in claim 11, wherein said feathers are chicken feathers.
15. cancelled
16. (Previously presented) The material as claimed in claim 12, wherein said fibers are natural fibers.
17. (Previously presented) An insulator comprising the material as claimed in claim 1.
18. (Previously presented) An insulator comprising the material as claimed in claim 11.
19. (New) The material as claimed in claim 1, wherein the monomer is styrene.
20. (New) The material as claimed in claim 19, wherein said oil is a triglyceride.
21. (New) The material as claimed in claim 20, wherein said feathers are chicken feathers.
22. (New) The material as claimed in claim 11, which further comprises a comonomer.
23. (New) The material as claimed in claim 22, wherein the comonomer is styrene.
24. (New) The material as claimed in claim 2, wherein said soybean oil is acrylated epoxidized soybean oil.
25. (New) The material as claimed in claim 12, wherein said soybean oil is acrylated epoxidized soybean oil.